OIPE JC177 FEB 25 2005 PATENT & TRADEMARK OFFICE

Practitioner's Docket No. IB-1847 *PATENT*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Jacobson, Craig P.

Application No.: 10/678,428 Group No.: 1742
Filed: October 3, 2003 Examiner: Valentine, Donald R.
For: Fluorine Separation and Generation Device

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Date: 2/25/2005

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known	
Application Number	10/678,428
Filing Date	10/03/2003
First Named Inventor	Craig P. Jacobson
Art Unit	1742
Examiner Name	Valentine, Donald R.
Attorney Docket Number	IB-1847

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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 5,649,996	07/22/1997	Soffer et al.	
		US- 5,795,653	08/18/1998	Cuomo et al.	
		US- 5,914,434	06/22/1999	Soffer et al.	
		US- 6,079,426	06/27/2000	Subrahmanyam et al.	
		US- 6,223,685	05/01/2001	Gupta et al.	
		US- 6,270,714 B1	08/07/2001	Azran et al.	
		US- 6,374,831 B1	04/23/2002	Chandran et al.	
		US- 2002/0062837 A1	05/30/2002	Miyanaga et al.	
		US- 6,423,256 B1	08/13/2002	Raoux	
		US- 2002/0134755 A1	09/26/2002	Goto et al.	
		US- 2003/0036272 A1	05/30/2002	Shamouilian et al.	
		US- 3,860,504	03/12/1974	Kaudewitz et al.	
		US- 5,961,813	05/18/1998	Gestermann et al.	
		US- 20040109817 A1	06/10/2004	Smith et al	
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
	1	FR 2627767	06/27/1978			
	2	GB 346,774	01/09/1930			

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Sheet 2 of 2

Complete if Known	
Application Number	10/678,428
Filing Date	10/03/2003
First Named Inventor	Craig P. Jacobson
Art Unit	1742
Examiner Name	Valentine, Donald R.
Attorney Docket Number	IB-1847

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	3	K.R. SRIDHAR ET AL., "Oxygen Production on Mars Using Solid Electrolysis, 25th International Conference on Environmental Systems ," (SAE Technical paper Series 951737, San Diago, California July 10-13, 1995)	
	4	SIEGELE, S.H. ET AL., "On-Site Generation of High Purity Fluorine as a Safe and Economical Alternative for CVD Chamber Cleaning," Future FAB International, Issue 13, pp. 107-116, (July 8, 2002)	
	5	NONE	
	6	DAGAN, G. et al., "Carbon Membrane Separator for Elimination of SF6 Emissions from Gas-Insulated electrical Utilities," Carbon Membranes, Ltd. (Arava, Israel, undated), [illegible]	
	7	"Microgen™ Fluorine Generators," Fluorine on Call, Ltd. Advertisement, pp. 1-3 [illegible]: <URL:http://www.focltd.com/foc_ad.htm>	
	8	[illegible]	
	9	SRIDHAR, K.R., "Modeling of Transport Processes in a Solid Oxide Electrolyzer Generating Oxygen and Mars," University of Arizona Dept. of Aerospace and Mechanical Engineering, Space Technologies Laboratory, pp. 411-419 (Tuscon, undated)	
	10	Bezmelnitsyn, V.N. 'Electrochemical Devolution of elemental fluorine under decomposition of solid electrolytes' No date p. 263	
	11	Bezmelnitsyn, V.N. 'The study of electrochemical decomposition of LaF_3 solid electrolyte' p.335 - No date	
	12	Journal of Fluorine Chemistry 101 (2000) 257-261	

Examiner Signature		Date Considered	

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